

**AIR CONDITIONING
MECHANIC
WG-5306-08**

**UTILITIES
HVAC**

JOB SUMMARY

This position is located in the Public Works Department Heating, Ventilating and Air Conditioning Branch, Naval Air Station, Lemoore, CA. It's purpose is to maintain, install and make minor repairs on heating, ventilating, air conditioning and refrigeration equipment and components used in living quarters, office spaces and industrial uses.

TYPICAL WORK PERFORMED

Installs, maintains and performs minor repairs on a variety of domestic, commercial, heating, ventilating, refrigeration and air conditioning systems. Units includes items such as ice machines, beverage coolers, refrigerators, humidifiers, ice cream cabinets, deep freezers, walk in, evaporative coolers, exhaust fans, circulation pumps, gas, electric and hot water type heating systems used for comfort heating/cooling or associated equipment. Assist in the repair and overhaul of units and systems such as those named above. Replaces components in units and systems after repairs are made or when components are required. Makes visual, audible and mechanical checks for proper temperature, unusual noises, overheated bearings, proper oil levels, loose or faulty connections, electrical and mechanical loose belts, gaskets, pulley's, motors, valves, transformers, relays, solenoid switches, thermostat, regulators, bearings, couplings, and pipes. Entry level of HVAC Maintenance Helper shall be the ability to comprehend and perform mechanical type duties.

KNOWLEDGE AND SKILL

The Heating, Ventilating, and Air Conditioning Mechanic Worker uses a basic knowledge of the theory, principles and knowledge of the construction and operation of heating ventilating, air conditioning and refrigeration systems. He/she is able to make visual, audible and mechanical checks for proper temperature, unusual noises, over heated bearings, proper oil levels, loose connection, faulty electrical connections, frayed or loose belts, gaskets or pulleys. He works from blueprints, drawings, work orders and oral instruction. The worker is skilled in servicing power source and able to tighten connections, make splices, insulate expose wires and clean and lubricated moving parts.

RESPONSIBILITY

The Heating, Ventilating, Air Conditioning Maintenance Helper works under the general supervision of the Heating, Ventilating, Air Conditioning Mechanic Foreman. Incumbent receives instructions orally, in writing, and/or in the form of job orders.

The Heating, Ventilating, Air Conditioning Maintenance Helper selects tools and decides on techniques and method to perform instructed work. Worker selects materials and obtains replacement parts by comparison. Work is checked in progress by Supervisor or Journeyman when required.

PHYSICAL DEMANDS

The worker frequently carries and handles tools and equipment which weigh up to 50 pounds. The work often includes climbing on ladders, platforms or scaffolding and requires stooping, stretching, bending, kneeling and working in tiring and uncomfortable positions.

WORKING CONDITIONS

Work is often performed in temperature extremes. Work is often carried out on rooftops and exposed to all types of weather conditions.